

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/592,929
Source: IFWP
Date Processed by STIC: 9/26/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 09/26/2006

PATENT APPLICATION: US/10/592,929

TIME: 10:43:46

Input Set : A:\AZ-0915.ST25.txt

Output Set: N:\CRF4\09262006\J592929.raw

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3 <110> APPLICANT: AstraZeneca AB
4     Drmota, Tomas
5     Engberg, Susanna
6     Von Mentzer, Bengt
8 <120> TITLE OF INVENTION: Molecules
10 <130> FILE REFERENCE: 1103326-0915
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/592,929
C--> 13 <141> CURRENT FILING DATE: 2006-09-15
15 <160> NUMBER OF SEQ ID NOS: 22
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 1224
21 <212> TYPE: DNA
22 <213> ORGANISM: Meriones unguiculatus
24 <400> SEQUENCE: 1
25 atggataacg tcctccctgg ggactcggac ctcttcccca acatctccac caacagttcc      60
27 gagtccaacc aattcgtaga gcctgcctgg caaattgtcc tttgggcagc tgcctacacg      120
29 gtcacgtggt tgacctccgt ggtgggcaac gtggtggtga tgtggatcat tttggcccac      180
31 aagagaatga ggacagtga caattacttc ctggtgaacc tggccttcgc tgaggcctcc      240
33 atggccgcat tcaacacggt ggtgaacttc acctacgcgc tccacaacga gtggtactac      300
35 ggccctcttct actgcaagtt ccacaacttc ttccccattg ctgctgtctt cgccagcatc      360
37 tactccatga cagcagtggc cttcgacagg tacatggcca tcatccaccc tctccagccc      420
39 cggctgtcgg ccaccgccac caaggtgggc atctttgtca tctgggtgct ggctctcctg      480
41 ttggccctttc cgcagggcta ctactccacc acggagacca tgcccggcag agtagtgtgc      540
43 atgatcgagt ggccggaaca cccaacagg acttacgaga aagcgtacca catctgtgtg      600
45 acggtgctga tctacttcct gcccctgctg gtgattggct acgcctacac tgtcgtagga      660
47 atcacactgt gggccagcga gatccccggg gactcctccg accgctacca cgagcaagtc      720
49 tccgccaagc gcaaggtggt caaaatgatg atcgtggctg tgtgcacctt cgccatctgc      780
51 tggctgacct tccacgtctt ctctctcctg ccctacatca acccggaact ctacgttaaa      840
53 aagttcatcc agcaggtcta cctggccatc atgtggctag ccatgagctc caccatgtac      900
55 aaccccatca tctactgctg cctcaatgac aggttcctgc tgggcttcaa acacgctttt      960
57 cgctgctgtc ccttcacag tgctggtgat tatgaggggc tggaaatgaa atccaccga      1020
59 tactccaga cccagggcag tgtctacaag gtcagccgcc tggagaccac catctccact      1080
61 gtggtgggag cccatgaaga tgaggcagaa gaaggcccca aggccacacc ttcaccttgc      1140
63 gatctcacct ccaatggctc ttctcgtagc aactcgaaga ccatgacaga aagctccagc      1200
65 ttctactcta acatgctggc ctag                                     1224
68 <210> SEQ ID NO: 2
69 <211> LENGTH: 407
70 <212> TYPE: PRT
71 <213> ORGANISM: Meriones unguiculatus
73 <400> SEQUENCE: 2
75 Met Asp Asn Val Leu Pro Gly Asp Ser Asp Leu Phe Pro Asn Ile Ser
76 1                               5                               10                               15

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79 Thr Asn Ser Ser Glu Ser Asn Gln Phe Val Gln Pro Ala Trp Gln Ile
80          20          25          30
83 Val Leu Trp Ala Ala Ala Tyr Thr Val Ile Val Val Thr Ser Val Val
84          35          40          45
87 Gly Asn Val Val Val Met Trp Ile Ile Leu Ala His Lys Arg Met Arg
88          50          55          60
91 Thr Val Thr Asn Tyr Phe Leu Val Asn Leu Ala Phe Ala Glu Ala Ser
92 65          70          75          80
95 Met Ala Ala Phe Asn Thr Val Val Asn Phe Thr Tyr Ala Val His Asn
96          85          90          95
99 Glu Trp Tyr Tyr Gly Leu Phe Tyr Cys Lys Phe His Asn Phe Phe Pro
100          100          105          110
103 Ile Ala Ala Val Phe Ala Ser Ile Tyr Ser Met Thr Ala Val Ala Phe
104          115          120          125
107 Asp Arg Tyr Met Ala Ile Ile His Pro Leu Gln Pro Arg Leu Ser Ala
108          130          135          140
111 Thr Ala Thr Lys Val Val Ile Phe Val Ile Trp Val Leu Ala Leu Leu
112 145          150          155          160
115 Leu Ala Phe Pro Gln Gly Tyr Tyr Ser Thr Thr Glu Thr Met Pro Gly
116          165          170          175
119 Arg Val Val Cys Met Ile Glu Trp Pro Glu His Pro Asn Arg Thr Tyr
120          180          185          190
123 Glu Lys Ala Tyr His Ile Cys Val Thr Val Leu Ile Tyr Phe Leu Pro
124          195          200          205
127 Leu Leu Val Ile Gly Tyr Ala Tyr Thr Val Val Gly Ile Thr Leu Trp
128          210          215          220
131 Ala Ser Glu Ile Pro Gly Asp Ser Ser Asp Arg Tyr His Glu Gln Val
132 225          230          235          240
135 Ser Ala Lys Arg Lys Val Val Lys Met Met Ile Val Val Val Cys Thr
136          245          250          255
139 Phe Ala Ile Cys Trp Leu Pro Phe His Val Phe Phe Leu Leu Pro Tyr
140          260          265          270
143 Ile Asn Pro Asp Leu Tyr Val Lys Lys Phe Ile Gln Gln Val Tyr Leu
144          275          280          285
147 Ala Ile Met Trp Leu Ala Met Ser Ser Thr Met Tyr Asn Pro Ile Ile
148          290          295          300
151 Tyr Cys Cys Leu Asn Asp Arg Phe Arg Leu Gly Phe Lys His Ala Phe
152 305          310          315          320
155 Arg Cys Cys Pro Phe Ile Ser Ala Gly Asp Tyr Glu Gly Leu Glu Met
156          325          330          335
159 Lys Ser Thr Arg Tyr Leu Gln Thr Gln Gly Ser Val Tyr Lys Val Ser
160          340          345          350
163 Arg Leu Glu Thr Thr Ile Ser Thr Val Val Gly Ala His Glu Asp Glu
164          355          360          365
167 Ala Glu Glu Gly Pro Lys Ala Thr Pro Ser Ser Leu Asp Leu Thr Ser
168          370          375          380
171 Asn Gly Ser Ser Arg Ser Asn Ser Lys Thr Met Thr Glu Ser Ser Ser
172 385          390          395          400
175 Phe Tyr Ser Asn Met Leu Ala

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176                               405
179 <210> SEQ ID NO: 3
180 <211> LENGTH: 28
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Polynucleotide for use in polymerase chain reaction
187 <400> SEQUENCE: 3
188 gctgcccttc cacatcttct tcctcctg                               28
191 <210> SEQ ID NO: 4
192 <211> LENGTH: 27
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Polynucleotide for use in polymerase chain reaction
199 <400> SEQUENCE: 4
200 gccagcagga gagccaggac ccagatg                               27
203 <210> SEQ ID NO: 5
204 <211> LENGTH: 19
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Polynucleotide for use in polymerase chain reaction
211 <400> SEQUENCE: 5
212 aggcattctgc aacaaggtc                               19
215 <210> SEQ ID NO: 6
216 <211> LENGTH: 22
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Polynucleotide for use in polymerase chain reaction
223 <400> SEQUENCE: 6
224 aaccattatg accctttcca ga                               22
227 <210> SEQ ID NO: 7
228 <211> LENGTH: 32
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Polynucleotide for use in polymerase chain reaction
235 <400> SEQUENCE: 7
236 ggatccgccca ccatggataa cgctctccct gg                               32
239 <210> SEQ ID NO: 8
240 <211> LENGTH: 29
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Polynucleotide for use in polymerase chain reaction
247 <400> SEQUENCE: 8
248 gatatcatgc ccttgaaata tgcccactg                               29

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Input Set : A:\AZ-0915.ST25.txt

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251 <210> SEQ ID NO: 9
252 <211> LENGTH: 23
253 <212> TYPE: PRT
254 <213> ORGANISM: Meriones unguiculatus and Homo sapiens
256 <400> SEQUENCE: 9
258 Ile Val Leu Trp Ala Ala Ala Tyr Thr Val Ile Val Val Thr Ser Val
259 1           5           10           15
262 Val Gly Asn Val Val Val Met
263           20
266 <210> SEQ ID NO: 10
267 <211> LENGTH: 23
268 <212> TYPE: PRT
269 <213> ORGANISM: Rattus norvegicus
271 <400> SEQUENCE: 10
273 Ile Val Leu Trp Ala Ala Ala Tyr Thr Val Ile Val Val Thr Ser Val
274 1           5           10           15
277 Val Gly Asn Val Val Val Ile
278           20
281 <210> SEQ ID NO: 11
282 <211> LENGTH: 22
283 <212> TYPE: PRT
284 <213> ORGANISM: Meriones unguiculatus and Homo sapiens
286 <400> SEQUENCE: 11
288 Thr Val Thr Asn Tyr Phe Leu Val Asn Leu Ala Phe Ala Glu Ala Ser
289 1           5           10           15
292 Met Ala Ala Phe Asn Thr
293           20
296 <210> SEQ ID NO: 12
297 <211> LENGTH: 22
298 <212> TYPE: PRT
299 <213> ORGANISM: Rattus norvegicus
301 <400> SEQUENCE: 12
303 Thr Val Thr Asn Tyr Phe Leu Val Asn Leu Ala Phe Ala Glu Ala Cys
304 1           5           10           15
307 Met Ala Ala Phe Asn Thr
308           20
311 <210> SEQ ID NO: 13
312 <211> LENGTH: 22
313 <212> TYPE: PRT
314 <213> ORGANISM: Meriones unguiculatus and Homo sapiens
316 <400> SEQUENCE: 13
318 Phe His Asn Phe Phe Pro Ile Ala Ala Val Phe Ala Ser Ile Tyr Ser
319 1           5           10           15
322 Met Thr Ala Val Ala Phe
323           20
326 <210> SEQ ID NO: 14
327 <211> LENGTH: 22
328 <212> TYPE: PRT
329 <213> ORGANISM: Rattus norvegicus

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331 <400> SEQUENCE: 14
333 Phe His Asn Phe Phe Pro Ile Ala Ala Leu Phe Ala Ser Ile Tyr Ser
334 1          5          10          15
337 Met Thr Ala Val Ala Phe
338          20
341 <210> SEQ ID NO: 15
342 <211> LENGTH: 20
343 <212> TYPE: PRT
344 <213> ORGANISM: Meriones unguiculatus and Rattus norvegicus
346 <400> SEQUENCE: 15
348 Val Ile Phe Val Ile Trp Val Leu Ala Leu Leu Leu Ala Phe Pro Gln
349 1          5          10          15
352 Gly Tyr Tyr Ser
353          20
356 <210> SEQ ID NO: 16
357 <211> LENGTH: 20
358 <212> TYPE: PRT
359 <213> ORGANISM: Homo sapiens
361 <400> SEQUENCE: 16
363 Val Ile Cys Val Ile Trp Val Leu Ala Leu Leu Leu Ala Phe Pro Gln
364 1          5          10          15
367 Gly Tyr Tyr Ser
368          20
371 <210> SEQ ID NO: 17
372 <211> LENGTH: 25
373 <212> TYPE: PRT
374 <213> ORGANISM: Meriones unguiculatus and Rattus norvegicus
376 <400> SEQUENCE: 17
378 Ala Tyr His Ile Cys Val Thr Val Leu Ile Tyr Phe Leu Pro Leu Leu
379 1          5          10          15
382 Val Ile Gly Tyr Ala Tyr Thr Val Val
383          20          25
386 <210> SEQ ID NO: 18
387 <211> LENGTH: 25
388 <212> TYPE: PRT
389 <213> ORGANISM: Homo sapiens
391 <400> SEQUENCE: 18
393 Val Tyr His Ile Cys Val Thr Val Leu Ile Tyr Phe Leu Pro Leu Leu
394 1          5          10          15
397 Val Ile Gly Tyr Ala Tyr Thr Val Val
398          20          25
401 <210> SEQ ID NO: 19
402 <211> LENGTH: 22
403 <212> TYPE: PRT
404 <213> ORGANISM: Meriones unguiculatus and Rattus norvegicus
406 <400> SEQUENCE: 19
408 Met Met Ile Val Val Val Cys Thr Phe Ala Ile Cys Trp Leu Pro Phe
409 1          5          10          15
412 His Val Phe Phe Leu Leu

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/592,929

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Input Set : A:\AZ-0915.ST25.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/592,929

DATE: 09/26/2006

TIME: 10:43:47

Input Set : A:\AZ-0915.ST25.txt

Output Set: N:\CRF4\09262006\J592929.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date